Replacement Tree Specifications

Note: Proposed tree locations are suggestions only and should be finalized only once construction is complete and should adhere to City of Ottawa Tree Planting Guidelines

Trees 1-5 could be medium trees at maturity. Potential conflicts with the building may arise – pruning should be completed on a regular multi-year cycle to allow for healthy growth. Site conditions are expected to be low to partial light exposure and minimal to moderate moisture availability. Species suggestions include:

Bitternut hickory - *Carya cordiformis**Turkish hazel - *Corylus colurna**

Red maple - Acer rubrum*

Ironwood - *Ostrya virginiana** Eastern redbud (*Cercis canadensis*)

Thornless Hawthorn (*Crataegus crus-galli*)*

Littleleaf linden (*Tilia cordata*)

*Native to Ottawa region: Planting species native to a region can help maintain and enhance biodiversity.

The species recommended herein are the most suitable species based on the existing plans. For best success, tree species should be matched to site conditions. Note: Norway maple (Acer platanoides) is not recommended as it is highly invasive and not a suitable tree for urban planting.

Underplanting trees with native shrubs and ground covers can help prevent pedestrians from walking on, and therefore compacting, soil around tree roots. These other plants can also provide nutrients to the soil through fallen leaves,

as well as prevent moisture loss from the soil by shading it – thereby helping young trees establish. It is recommended that the trees shown here be underplanted with the species below:

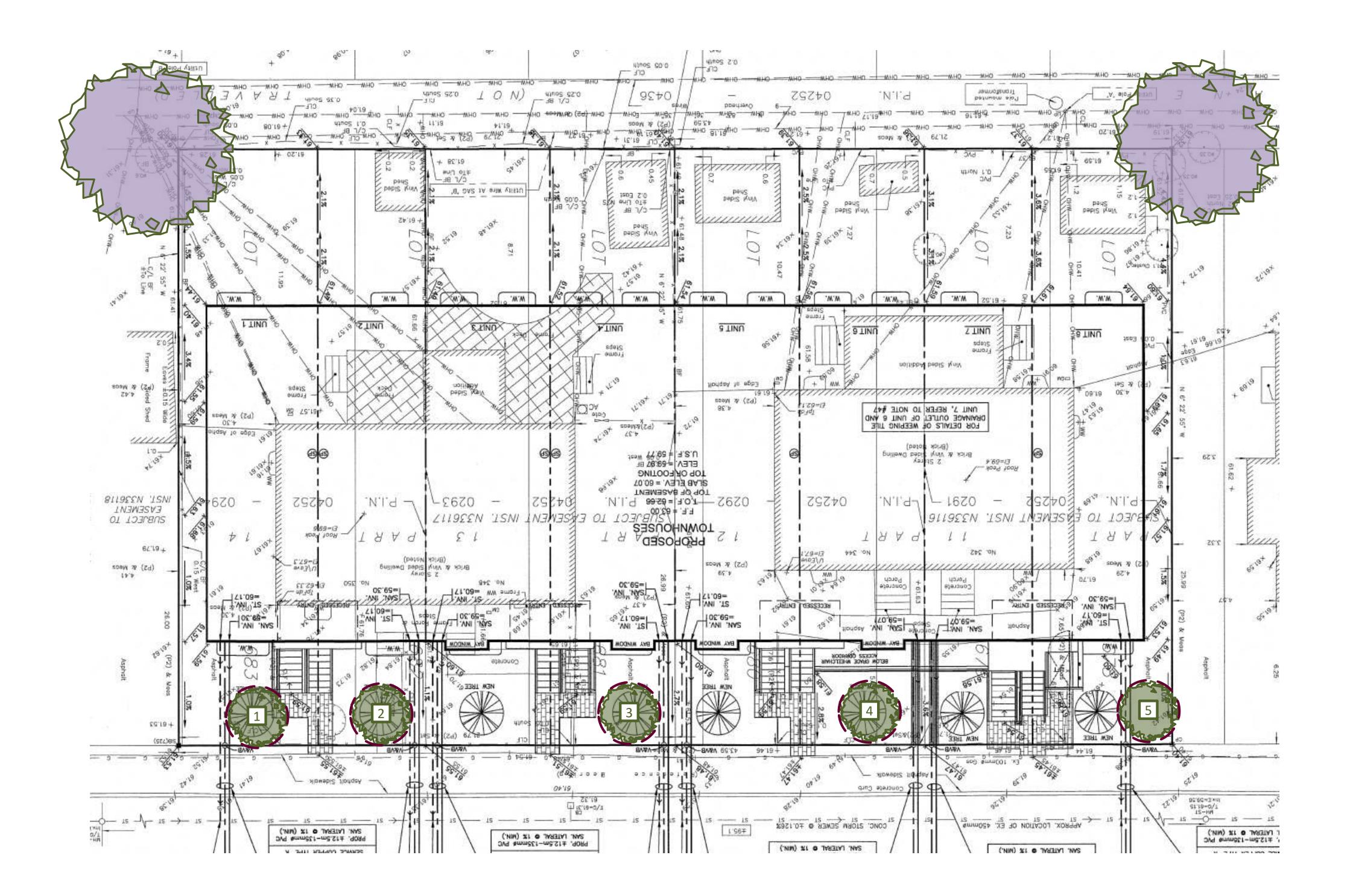
Wild geranium – *Geranium maculatum** Foamflower – *Tiarella cordifolia**

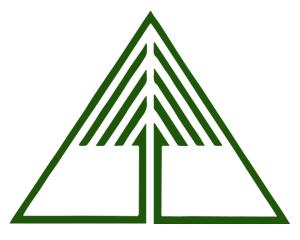
Running euonymous – *Euonymus obovatus**

Wild Ginger – Asarum canadense*

Bunchberry – *Cornus canadensis*

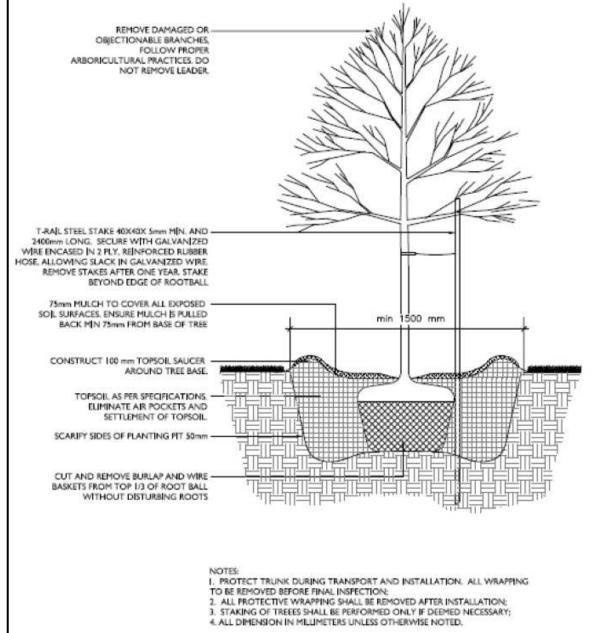
All deciduous trees must be a minimum of 50 mm in diameter measured no less than 15 cm above ground level. Coniferous trees must be no less than 200 cm in height.





Tree Planting Plan – 342-350 Queen Mary Street
Prepared by Dendron Forestry Services
Version 3.0, March 31, 2025
For more information, please contact:
info@dendronforestry.ca

Note: the tree layer has been added to the original grading plan supplied by the client in pdf format. This layer refers to the trees only, and the original grading plan has not been altered in the process. Refer to the original plan for details as quality is lost when importing the plan into the mapping software used to create the tree layer.



KEY SPACING GUIDELINES

For Deciduous Trees:

- Minimum 50mm caliper stock
- 1.5m from sidewalks, driveways, walkways, fences, sound walls, and old stumps.
- 2.5m from curbs, hydro transformers, or behind fire hydrants
- 4-7m from any part of an existing tree, depending on canopy width
- 10m from bus shelters and community mailboxes

For Coniferous Trees:

- Follow same setbacks as deciduous, but due to the widest branching being at the base of the tree, conifers need greater setbacks for ground-level obstacles.
- Minimum 200cm height stock
- 4.5m setbacks from sidewalks, walkways, driveways, and curbs.
- Do not plant on corners where sight lines will be compromised.

TREES MUST BE WATERED REGULARLY FOLLOWING PLANTING TO ENSURE PROPER ESTABLISHMENT.

On average, a young tree needs 6 gallons (24 liters) of water twice per week. (Do not water using a sprinkler as water on the foliage can lead to fungal infection)

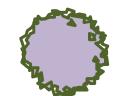
Placing a ring of mulch around the planting hole will help reduce water loss.

Ensure no mulch is touching the base of the tree.

Legend



New Private Tree



Existing Tree to be retained